

ABSTRACT OF THE DISCLOSURE

CB A TV observation system for an endoscope including an endoscope and a small-sized light source unit. The endoscope can be structurally separated into an insertion part and a proximal holding part continuously extending from the insertion part. The endoscope can comprise a light guide arranged from a distal end of said insertion part through said proximal holding part. The proximal holding part can be provided with a light guide joint section where an entrance end face of said light guide is fixed. The small-sized light source unit can be constructed and arranged to be removably connected with the light guide joint section. The small-sized light source unit includes a plurality of small-sized LEDs and a compounding optical system configured to compound light emitted by the plurality of small-sized LEDs.